

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-23 (canceled)

Claim 24 (new): An electronic equipment that operates based on a predetermined power source, the electronic equipment comprising:

a body at least having processing means for executing various processes and consuming power; and

a power source connected to the body via a predetermined bus, including a secondary battery, secondary battery control means for controlling the secondary battery, a fuel cell which causes a predetermined fuel and air to electrochemically react with each other so as to cause a power generating unit to generate power, and fuel cell control means for controlling the fuel cell, wherein

the secondary battery control means and the fuel cell control means mutually transfer at least remaining secondary battery power information indicative of an amount of power remaining in the secondary battery and a fuel cell status information indicative of a status of the fuel battery, to each other via the bus.

Claim 25 (new): The electronic equipment according to claim 24, wherein the fuel cell control means acquires load information indicative of a load of the processing means via the bus and controls the fuel cell based on the load information.

Claim 26 (new): The electronic equipment according to claim 25, wherein the fuel cell control means sets a plurality of operating modes for the fuel cell and determines an operating mode for the fuel cell based on the load information.

Claim 27 (new): The electronic equipment according to claim 26, wherein the fuel cell control means determines the operating mode for the fuel cell by further taking the remaining secondary battery power information and the fuel cell status information into account.

Claim 28 (new): The electronic equipment according to claim 24, wherein the fuel cell control means performs control so as to charge the second battery with the power outputted from the fuel cell.

Claim 29 (new): The electronic equipment according to claim 24, wherein the fuel cell control means monitors a remaining amount of the fuel to be supplied to the fuel cell and controls the fuel cell based on the remaining amount.

Claim 30 (new): The electronic equipment according to claim 24, further comprising control means connected to the bus, for monitoring a remaining amount of the fuel stored in a tank for supplying the fuel to the fuel cell, wherein the fuel cell control means controls the fuel cell based on the remaining amount of the fuel detected by the control means.

Claim 31 (new): The electronic equipment according to claim 24, wherein the secondary battery and the secondary battery control means as well as the fuel cell and the fuel cell control means are constructed as a single package and are externally connected to the body via the bus.

Claim 32 (new): The electronic equipment according to claim 24, wherein the secondary battery and the secondary battery control means are contained in the body, while the fuel cell and the fuel cell control means are constructed as a single package and are externally connected to the body via the bus.

Claim 33 (new): The electronic equipment according to claim 24, wherein the fuel cell and the fuel cell control means are contained in the body, while the secondary battery and the secondary battery control means are constructed as a single package and are externally connected to the body via the bus.

Claim 34 (new): The electronic equipment according to claim 24, wherein the secondary battery and the secondary battery control means are constructed as a single package

and are externally connected to the body via the bus, while the fuel cell and the fuel cell control means are constructed as a single package separate from the package and are externally connected to the body via the bus.

Claim 35 (new): The electronic equipment according to claim 24, wherein the secondary battery and the secondary battery control means as well as the fuel cell and the fuel cell control means are contained in the body.

Claim 36 (new): The electronic equipment according to claim 24, wherein the bus performs two-wire half-duplex communication.

Claim 37 (new): A power management method for electronic equipment that includes a body at least having processing means for executing various processes and consuming power; and a power source connected to the body via a predetermined bus, including a secondary battery, secondary battery control means for controlling the secondary battery, a fuel cell which causes a predetermined fuel and air to electrochemically react with each other so as to cause a power generating unit to generate power, and fuel cell control means for controlling the fuel cell; wherein the electronic equipment operates on the basis of the power source,

the power management method for the electronic equipment, comprising:

mutually transferring at least remaining secondary battery power information indicative of an amount of power remaining in the secondary battery and fuel cell status information indicative of a status of the fuel battery between the secondary battery control means and the fuel cell control means via the bus; and

controlling the fuel cell based on the remaining secondary battery power information and the fuel cell status information.

Claim 38 (new): The power management method for the electronic equipment according to claim 37, further comprising:

acquiring load information indicative of a load of the processing means by means of the fuel cell control means via the bus, wherein

the fuel cell is controlled based on the load information associated with controlling the fuel cell.

Claim 39 (new): A power source equipment connected via a predetermined bus to a predetermined electronic equipment body at least having processing means for executing various processes and consuming power, for supplying power to the electronic equipment body, the electronic equipment comprising:

- a secondary battery;
- secondary battery control means for controlling the secondary battery;
- a fuel cell which causes a predetermined fuel and air to electrochemically react with each other so as to cause a power generating unit to generate power; and
- fuel cell control means for controlling the fuel cell, wherein

the secondary battery control means and the fuel cell control means mutually transfer at least remaining secondary battery power information indicative of an amount of power remaining in the secondary battery and fuel cell status information indicative of a status of the fuel battery, to each other via the bus.

Claim 40 (new): The power source unit according to claim 39, wherein

- the secondary battery control means and the fuel cell control means are connected to the electronic equipment body via the bus; and
- the fuel cell control means acquires load information indicative of a load of the processing means via the bus and controls the fuel cell based on the load information.

Claim 41 (new): The power source unit according to claim 40, wherein the fuel cell control means sets a plurality of operating modes for the fuel cell and determines an operating mode for the fuel cell based on the load information.

Claim 42 (new): The power source unit according to claim 41, wherein the fuel cell control means determines the operating mode for the fuel cell by further taking the remaining secondary battery power information and the fuel cell status information into account.

Claim 43 (new): The power source unit according to claim 39, wherein the fuel cell control means performs control so as to charge the secondary battery with the power outputted from the fuel cell.

Claim 44 (new): The power source unit according to claim 39, wherein the fuel cell control means monitors a remaining amount of the fuel to be supplied to the fuel cell and controls the fuel cell based on the remaining amount.

Claim 45 (new): The power source unit according to claim 39, further comprising control means connected to the bus, for monitoring a remaining amount of the fuel stored in a tank for supplying the fuel to the fuel cell, wherein
the fuel cell control means controls the fuel cell on the basis of the remaining amount of the fuel detected by the control means.

Claim 46 (new): The power source unit according to claim 39, wherein the bus performs two-wire half-duplex communication.